

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.15**SOURCE INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** SIR-000008**Date Inspected:** 13-Jan-2007**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**Quality Control Contact:** Liu Liu**Quality Control Present:** Yes No**Material transfer:** Yes No N/A**Sampled Items:** Yes No N/A**Stock Transfer:** Yes No N/A**OK to Cut:** Yes No N/A**Rebar Test Witness:** Yes No N/A**Delayed/Cancelled:** Yes No N/A**Other:** Review of radiographic testing**Bridge No:** 34-0006**Component:** Procedure Qualification test plate**Bid Item:** N/A**Lot No:** N/A**Summary of Items Observed:**

Item Description	WBS	Dwg No.	Status
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On this date the QA representative Joe Lanz arrived at Jin Tong Jian Chen NDT Company LTD. of Shanghai China perform a review of radiographic testing of procedure qualification test plates performed by Zhenhua Port Machinery Company (ZPMC). The test plates were radio graphed by Jin Tong Jian Chen NDT Company LTD. of Shanghai China. The QA inspector observed the start of radiography. The exposures were performed utilizing the following. 1) Source, Cobalt 60, serial number C63535, size of 3mm by 2mm, 8 curies placed on the center line of the weld at 300mm source to object distance. The geometrical unsharpness was calculated to be .019. 2) On the 75mm thick test plates, two each number 45 IQIs were placed on source side at the weld with the smallest weld facing to the end of the weld. 3) The film utilized appeared to be 17 inch by 7 inch AGFA C7. Work was not completed on this shift and appears to be in general compliance with contract documents and AWS D1.5-2002. See the pictures below.

SOURCE INSPECTION REPORT

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Summary of Conversations:

The QA inspector discussed the contract requirements for radiography with ZPMC NDT level II technician Huang Yu Hai and ZPMC interpreter Lu Jian Hua.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mazen Wahbeh, (818) 292-0659,, who represents the Office of Structural Materials for your project.

Inspected By:	Lanz,Joe	Quality Assurance Inspector
Reviewed By:	Wright,Mark	QA Reviewer
